Lessons Learned for R4.3.3

November 27, 2000
"Please Read Carefully before you start the Install"

1. There is a typo on page 2-3 step 3 of the installation instructions. The script output name is "preinstall433.out" not "preinstall43.out." Step 3 should read as follows:

> 3. Review the script output file, "/home/ncfuser/preinstall43**3**.out", to ensure that no unexpected errors (such as
> "Text file busy", "fail", "error") were encountered during the installation.

2. This lesson Learned **applies to PBP, HFO, GUM, and VRH only**. If you are one of these sites, see **appendix "A"** for full details.

3. In a number of instances we are seeing the mhd daemon within Mhs fail following 4.3.3 install. This has happened regardless of whether or not the site has properly excecuted step 5 and prevents the site from receiving products via the WAN. It appears the problem with Mhs processes dying following 4.3.3 install was caused by the following:

In part 5, the installer is instructed to cd /cdrom and execute a "script -a" command before excecute the ./install4.3.3 script. Once this script completes, the user is instructed to excecute . /etc/rc.config.d/AWIPS and take the necessary steps to reconfigure the mta. The problem is that the installers are excecuting the mhs commands from within the cdrom directory. This results in the Mhs processes having incorrect ownership. To prevent this from happening, the instructions should be updated to reflect the following in section 5.

After the "installR4.3.3" script completes, perform the following commands:

cd /
. /etc/rc.config.d/AWIPS
/sbin/init.d/mta stop
/awips/ops/bin/x400mta_config
/sbin/init.d/mta start
/awips/ops/bin/msg_reset

Appendix "A"
For PBP, HFO, GUM, and VRH only.

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```
For PBP, HFO, GUM, and VRH only.

(1) In the "install433.out" file, the following error messages are
    normal for the above sites with NRS units:
.
.
Running CP_Reconfigure ......
Error in packet.
Reason: There is no such variable name in this MIB.
This name doesn't exist: 165.92.171.50.1
Error in packet.
Reason: There is no such variable name in this MIB.
This name doesn't exist: 165.92.171.50.2
.
.

(2) The following error messages in the "install433.out" file need to be
corrected by updating the software on the NRS units:
.
.
rcp: /nrs/bin/start_sbn_reader: Executable file in use
rcp: /nrs/bin/start_sbn_retransmit: Executable file in use
rcp: /nrs/bin/start_sbn_process: Executable file in use
rcp: /nrs/bin/acq_client: Executable file in use
rcp: /nrs/bin/start_sbn_reader: Executable file in use
rcp: /nrs/bin/start_sbn_retransmit: Executable file in use
rcp: /nrs/bin/start_sbn_process: Executable file in use
rcp: /nrs/bin/acq_client: Executable file in use
.
.
==
PROCEDURE TO CORRECT NRS SOFTWARE (from DS1 as root):
rlogin cpsbn1
acq_pids -A -K
<Y>
exit

rlogin cpsbn2
acq_pids -A -K
<Y>
```

```
exit

cd /awips/hprt/bin
for host in cpsbn1 cpsbn2
do
  rcp start_sbn_reader $host:/nrs/bin
  rcp start_sbn_retransmit $host:/nrs/bin
  rcp start_sbn_process $host:/nrs/bin
  rcp acq_client $host:/nrs/bin
done

rlogin cpsbn1
/etc/reboot

rlogin cpsbn2
/etc/reboot
```
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